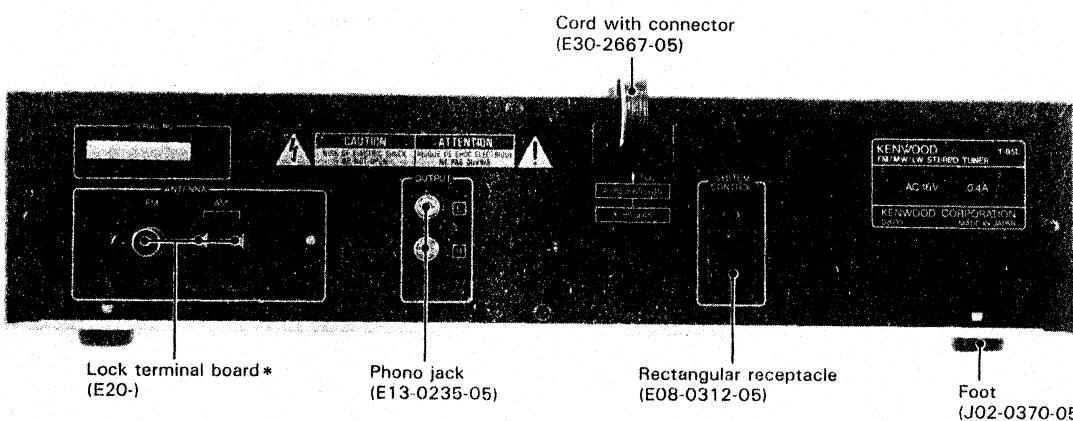
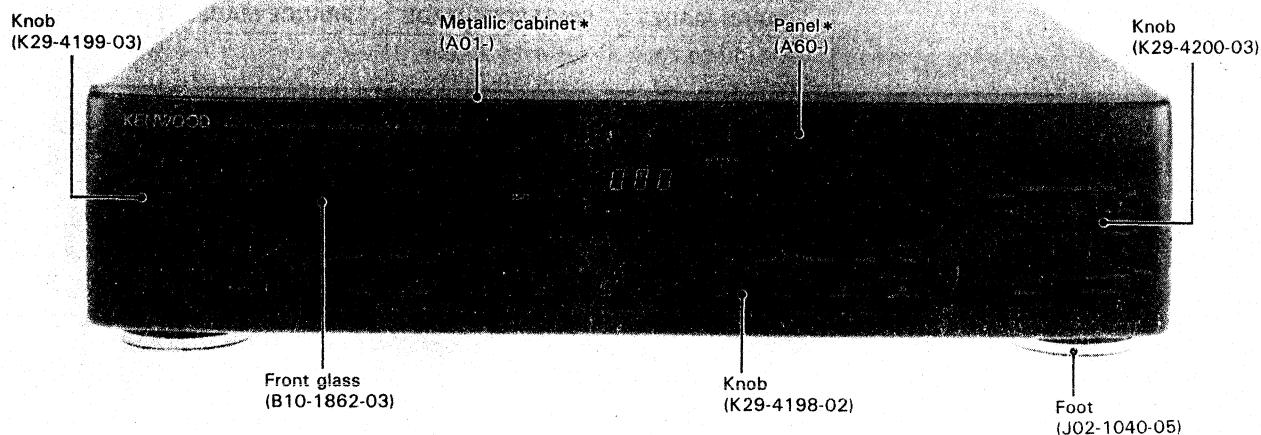


FM/MW/LW STEREO SYNTHESIZER TUNER

T-85/85L SERVICE MANUAL

KENWOOD

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B51-4346-00(T)1816



T-85 and T-85L don't have a power supply transformer. Use A-45/65/85/ or RM-90PS power supply to supply power. If neither is available, adjust to operate as instructed on page 8.

When turning the power on, short the connector pin of CN201 (X05-B/2).

* Refer to Parts List on page 25.
Photo is T-85L.

T-85/85L

CONTENTS/ACCESSORIES

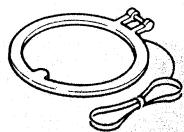
ACCESSORIES	2	SCHEMATIC DIAGRAM (T-85)	12
BLOCK DIAGRAM	3	SCHEMATIC DIAGRAM (T-85L)	18
CIRCUIT DESCRIPTION.....	4	EXPLODED VIEW	24
ADJUSTMENT.....	7	PARTS LIST	25
PC BOARD (COMPONENT SIDE VIEW)	9	SPECIFICATIONS.....	
WIRING DIAGRAM	11		Back cover

	JAPAN MADE	SINGAPORE MADE	FRANCE MADE
T-85	X05-4140-20 (M) X05-4140-71 (X)	X05-4150-20 (M) X05-4150-71 (X)	_____
T-85L	X05-4142-71 (T,E)	X05-4152-71 (T,E)	X05-4142-72 (E)

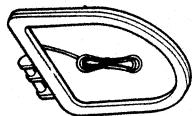
The T-85 and T-85L are made in different countries. However, their circuits are identical.

Accessories

**LOOP ANTENNA
(T90-0153-05): FRANCE MADE**



**LOOP ANTENNA
(T90-0173-05): JAPAN MADE
(T90-0174-05): SINGAPORE MADE**



**T TYPE ANTENNA
(T90-0176-05): JAPAN MADE
(T90-0176-05): FRANCE MADE
(T90-0175-05): SINGAPORE MADE**



**ANTENNA ADAPTOR
(T90-0177-05): (T-85L ONLY)**

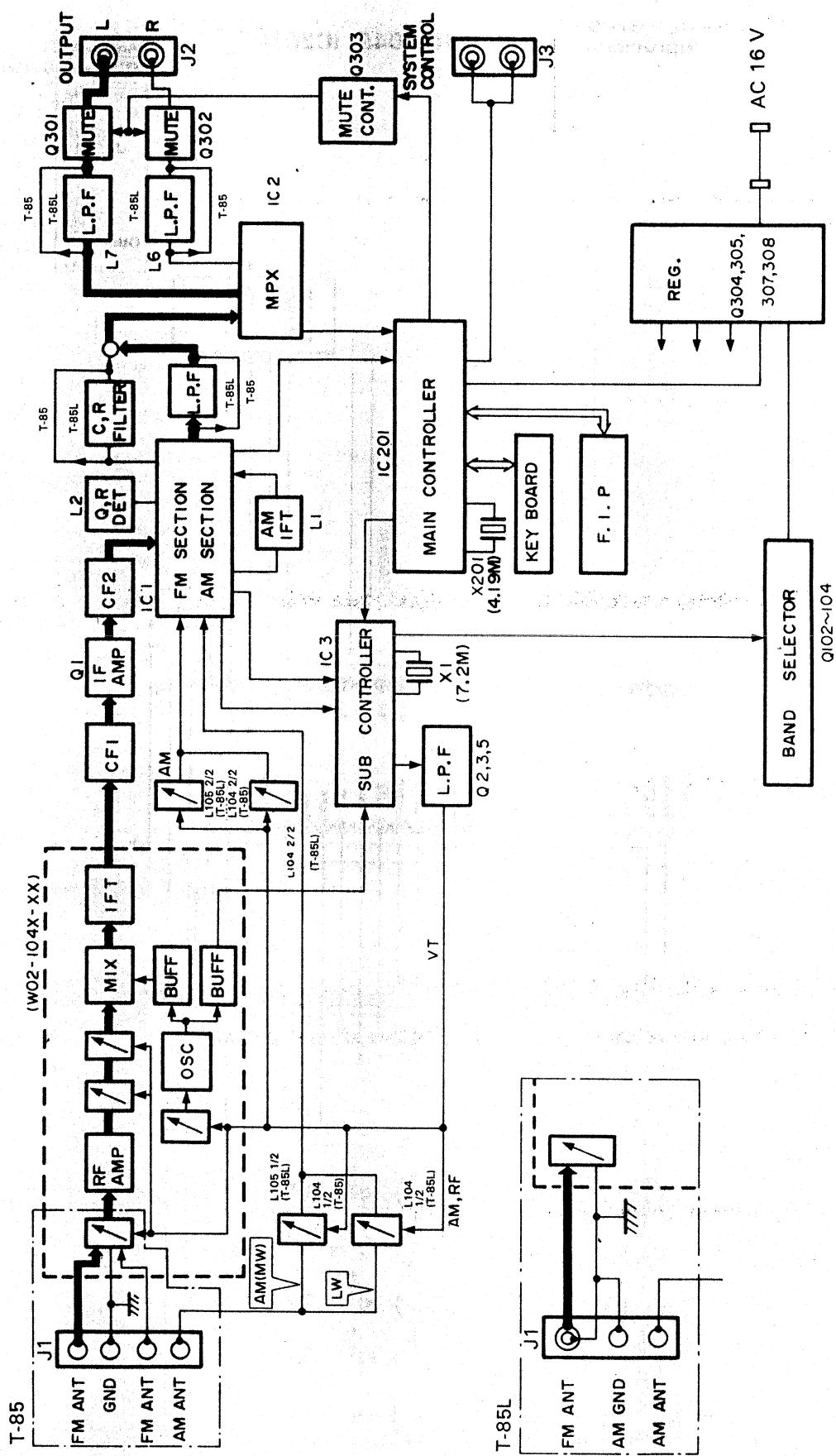


**ANTENNA HOLDER
(J19-2815-04)**



T-85/85L

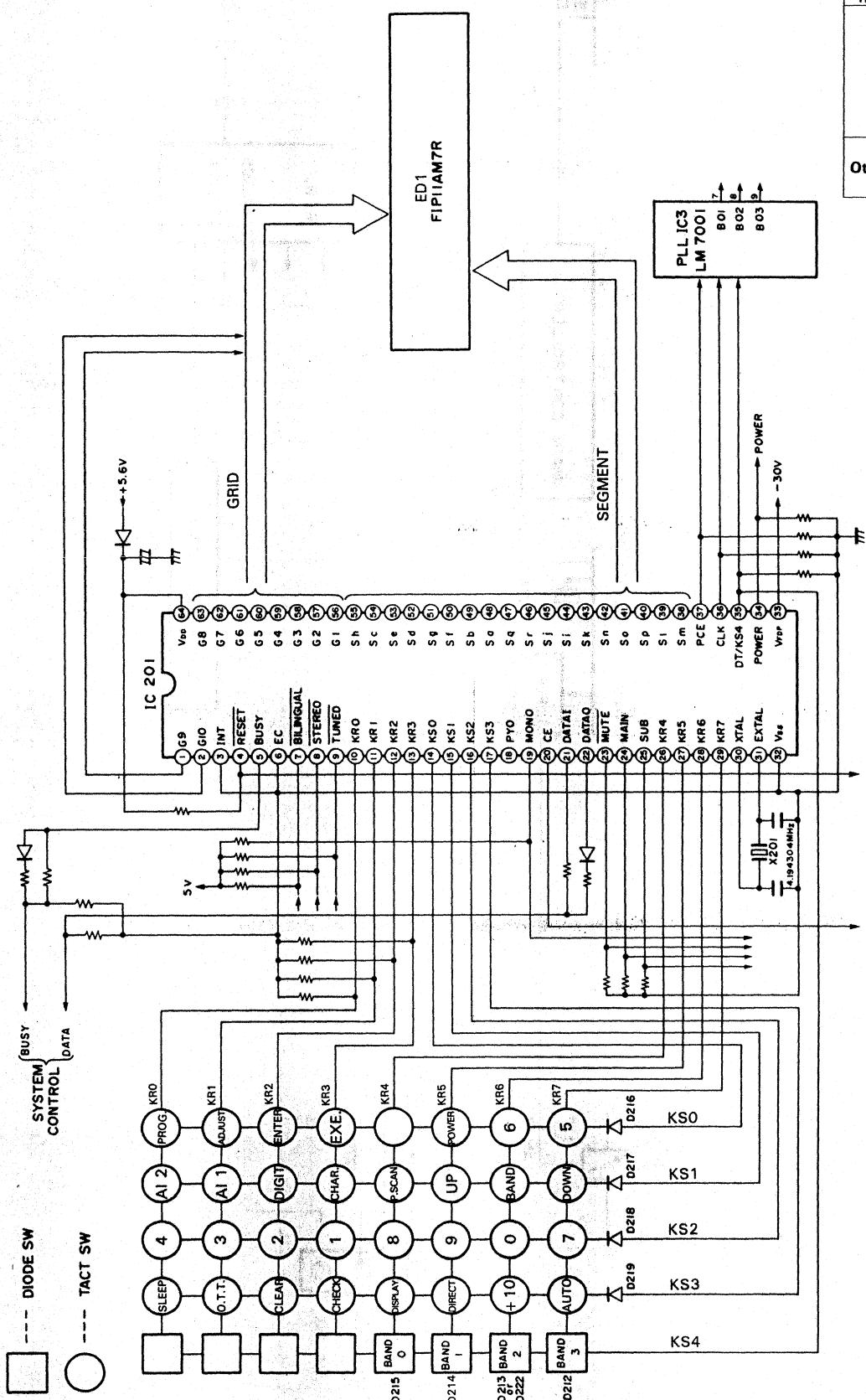
BLOCK DIAGRAM



T-85/85L

CIRCUIT DESCRIPTION

Blockdiagram of surrounding microprocessor (CXP50216-104S: IC201)



BAND SELECT		B01	B02	B03
J	FM	L	H	L
	AM	L	L	H
	VHF L	H	H	L
	VHF H	H	H	H
	UHF	H	L	L
Other	FM	H	H	L
	AM	H	L	H
LW	L	H	H	

T-85/85L

CIRCUIT DESCRIPTION

Pin functions

Pin No.	Pin name	I/O	Name	Operation description
1, 2	T1, T0	O	G9, G10	FL grid output 9G, 10G
3	INT	I		No use (GND)
4	RST	I	RESET	Reset input H: NORMAL L: RESET
5	ADI/PB3	I/O	BUSY	System control BUSY input/output
6	EC	I		No use (GND)
7	SC/PX0	I	BIL	BILINGUAL H: NORMAL L: BILINGUAL
8	SO/PX1	I	STEREO	Stereo signal input H: MONO L: STEREO
9	SI/PX2	I	TUNED	Tuning signal input H: NO L: TUNED
10~13	PF0~PF3	I	KR0~KR3	Key return input H: ON L: OFF
14~17	PE0~PE3	O	KS0~KS3	Key scan output H: ON L: OFF
18	PYO	O		No use (OPEN)
19	PWM/PY1	O	MONO	Forced MONO output H: MONO L: STEREO
20	WP/PY2	I	CE	AC OFF detection input H: AC ON L: AC OFF
21	RMC/PY3	I	DATAI	System control DATA input
22	PDO	O	DATAO	System control DATA output
23	PD1	O	MUTE	Line mute H: MUTE OFF L: MUTE ON
24	PD2	O	MAIN	No use
25	PD3	O	SUB	No use
26~29	PC0~PC3	I	KR4~KR7	Key return input H: ON L: OFF
30	XTAL			Quartz oscillator 4.194304MHz
31	EXTAL			Quartz oscillator 4.194304MHz
32	Vss			GND pin
33	V _{FDP}			-30 V
34	PH0/S0	O	POWER	POWER ON/OFF control H: ON L: OFF
35	PH1/S1	O	DT/KS4	PLL DATA output Key scan output for destination SW
36	PH2/S2	O	CLK	PLL CLOCK output
37	PH3/S3	O	PCE	PLL CE output
38~55	PG0/S4~S23/T8	O	Sm~Sh	FL segment output (m, l, p, o, n, k, i, j, r, q, a, b, f, g, d, e, c, h)
56~63	S22/T9~T2	O	G1~G8	FL grid output 1G~8G
64	V _{DD}			+5 V (Power supply)

T-85/85L

CIRCUIT DESCRIPTION

Test mode

(1) Method of setting

While pressing the DOWN key, turn AC ON.

(2) Contents

Power ON

FLL all lit

Test frequency setting (Table 1)

(3) Method of canceling

Clearing the FL all lit state is performed by numeral key, BAND key, UP/DOWN key or POWER key.

Initial status setting (reset)

(1) Method

While pressing the ENTER key, turn AC ON.

(2) Contents

The all memory is cleared and the initial status is fully restored. At this time, however, test frequency is newly memorized in the preset memory. (Table 1)

Destination Preset channel	T-85				T-85L	
	J TYPE		M, X TYPE		T, E TYPE	
01ch	FM	83.5 MHz	FM	98.0 MHz	FM	98.0 MHz
02ch	FM	90.0 MHz	FM	108.0 MHz	FM	108.0 MHz
03ch	AM	630 kHz	AM	630 kHz	AM	630 kHz
04ch	AM	990 kHz	AM	990 kHz	AM	990 kHz
05ch	AM	1440 kHz	AM	1440 kHz	AM	1440 kHz
06ch	AM	1602 kHz	AM (AM) 1610 kHz	1602 kHz	AM	1602 kHz
07ch	TV	3 ch	FM	87.5 MHz	LW	162 kHz
08ch	TV	8 ch	FM	87.5 MHz	LW	216 kHz
09ch	TV	35 ch	FM	87.5 MHz	LW	270 kHz
10ch	FM	89.1 MHz	FM	89.1 MHz	FM	89.1 MHz
11ch	TV	1 ch	FM	87.5 MHz	LW	281 kHz
12ch	TV	3 ch	FM	87.5 MHz	FM	87.5 MHz
13ch	TV	4 ch	FM	87.5 MHz	FM	87.5 MHz
14ch	TV	8 ch	FM	87.5 MHz	FM	87.5 MHz
15ch	TV	12 ch	FM	87.5 MHz	FM	87.5 MHz
16ch	TV	13 ch	FM	87.5 MHz	FM	87.5 MHz
17ch	TV	35 ch	FM	87.5 MHz	FM	87.5 MHz
18ch	TV	62 ch	FM	87.5 MHz	FM	87.5 MHz
19ch	FM	76.0 MHz	FM	87.5 MHz	FM	87.5 MHz
20ch~30ch	FM	76.0 MHz	FM	87.5 MHz	FM	87.5 MHz

(Table 1)

Conditions by destination

Desti- nation type	Destination switches				Band	Receiving frequency range	Inter-channel space	Intermediate frequency	PLL reference frequency	
	B3	B2	B1	B0						
T-85	J	0	0	0	FM	76.0~90.0 MHz	100 kHz	-10.75 MHz	25 kHz	
					AM	531~1602 kHz	9 kHz	+450 kHz	9 kHz	
					TV	1~62ch	6 MHz	-10.75 MHz	25 kHz	
	M	1	1 or 0	1	FM	87.5~108.0 MHz	100 kHz /50 kHz	+10.7 MHz	50 kHz	
	K,P	1	0	0	FM	87.5~108.0 MHz	100 kHz	+10.7 MHz	50 kHz	
	X	1	0	0	AM	530~1700 kHz	10 kHz	+450 kHz	10 kHz	
					FM	87.5~108.0 MHz	50 kHz	+10.7 MHz	50 kHz	
		1	1	0	AM	531~1602 kHz	9 kHz	+450 kHz	9 kHz	
					FM	87.5~108.0 MHz	50 kHz	+10.7 MHz	50 kHz	
T-85L	T,E	1	1	0	1	MW	531~1602 kHz	9 kHz	+450 kHz	9 kHz
						LW	153~281 kHz	1 kHz	+450 kHz	1 kHz

T-85/85L

ADJUSTMENT

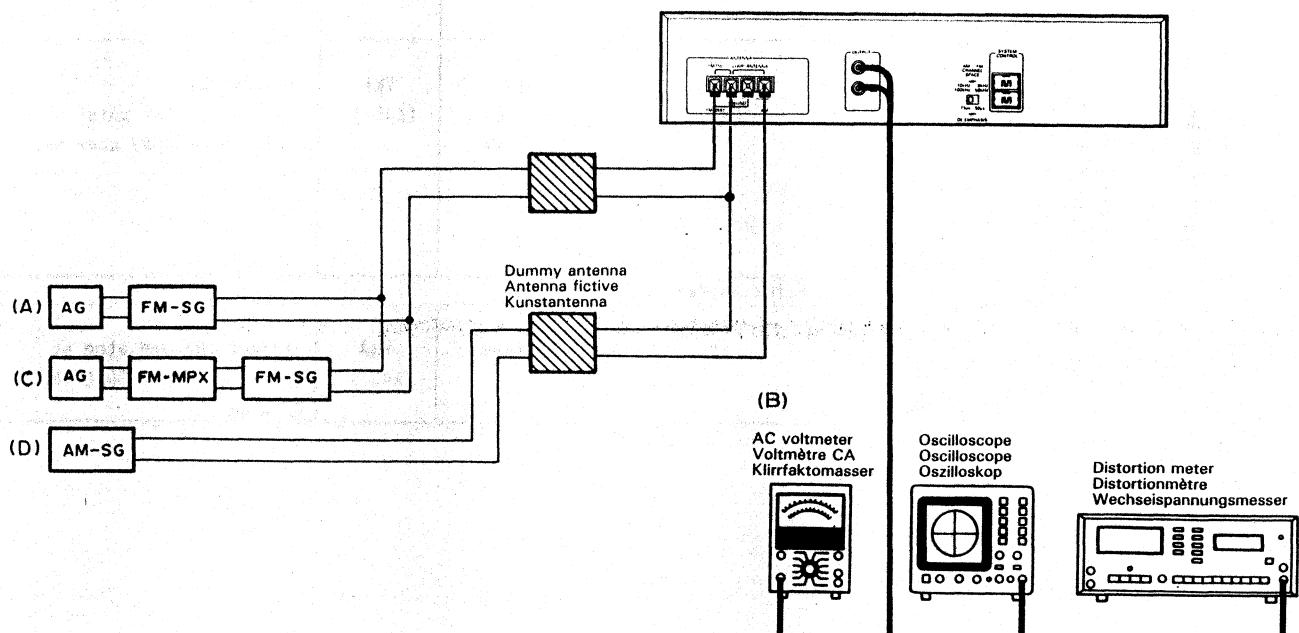
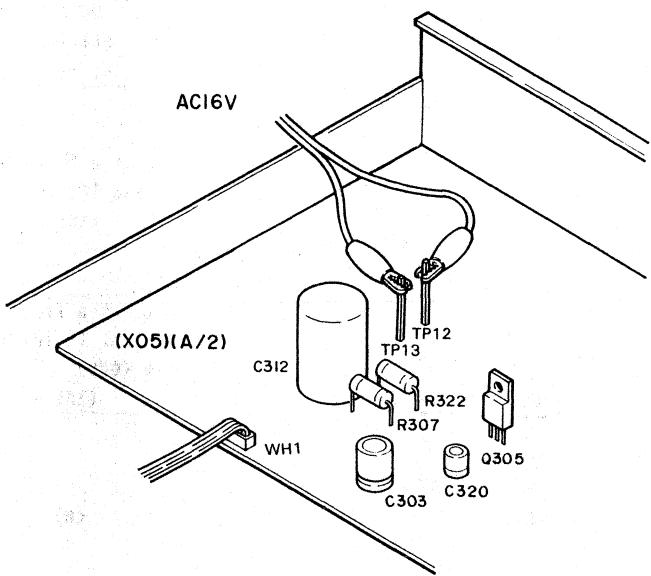
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
F M S E C T I O N SELECTOR: FM							
1	DISCRIMINATOR	(A) 98.0MHz 1kHz, ±75kHz dev (M,X type) 1kHz, ±40kHz dev (E,T type) 60dB μ (ANT input)	Connect a DC voltmeter between TP3 and TP4. (X05-)	AUTO or MONO 98.0MHz	L2 (X05-)	0V	(a)
2	VCO	(A) 98.0MHz 0 dev 60dB μ (ANT input)	Connect a frequency counter to TP5 and TP6 (GND). (X05-)	AUTO 98.0MHz	VR2 (X05-)	19.00kHz	(b)
3	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, ±68.25kHz dev Pilot: ±7.5kHz dev (M,X type) 1kHz, ±40kHz dev Pilot: ±6kHz dev (E,T type) 60dB μ (ANT input)	(B)	MONO 98.0MHz	IFT (W02-)	Minimum distortion	
4	SEPARATION (E,T type only)	(C) 98.0MHz 1kHz, ±40kHz dev Pilot ±6kHz dev Selector:L or R 60dB μ (ANT input)	(B)	AUTO 98.0MHz	VR4 (X05-)	Minimum crosstalk	
5	TUNING LEVEL	(A) 98.0MHz 1kHz, ±75kHz dev (M,X type) 1kHz, ±45kHz dev (E,T type) 14dB μ (ANT input) 750 18dB μ (ANT input)3000	(B)	AUTO or MONO 98.0MHz	VR1 (X05-)	Adjust VR1 and stop at the point where ED1(TUNED) goes on.	
A M (MW) S E C T I O N SELECTOR:AM(MW)							
(1)	TUNING LEVEL	(D) 1008kHz 400Hz, 30% mod 26dB μ (ANT input)	(B)	1008kHz	VR3 (X05-)	Adjust VR3 and stop at the point where ED1(TUNED) goes on.	

T-85/85L

ADJUSTMENT

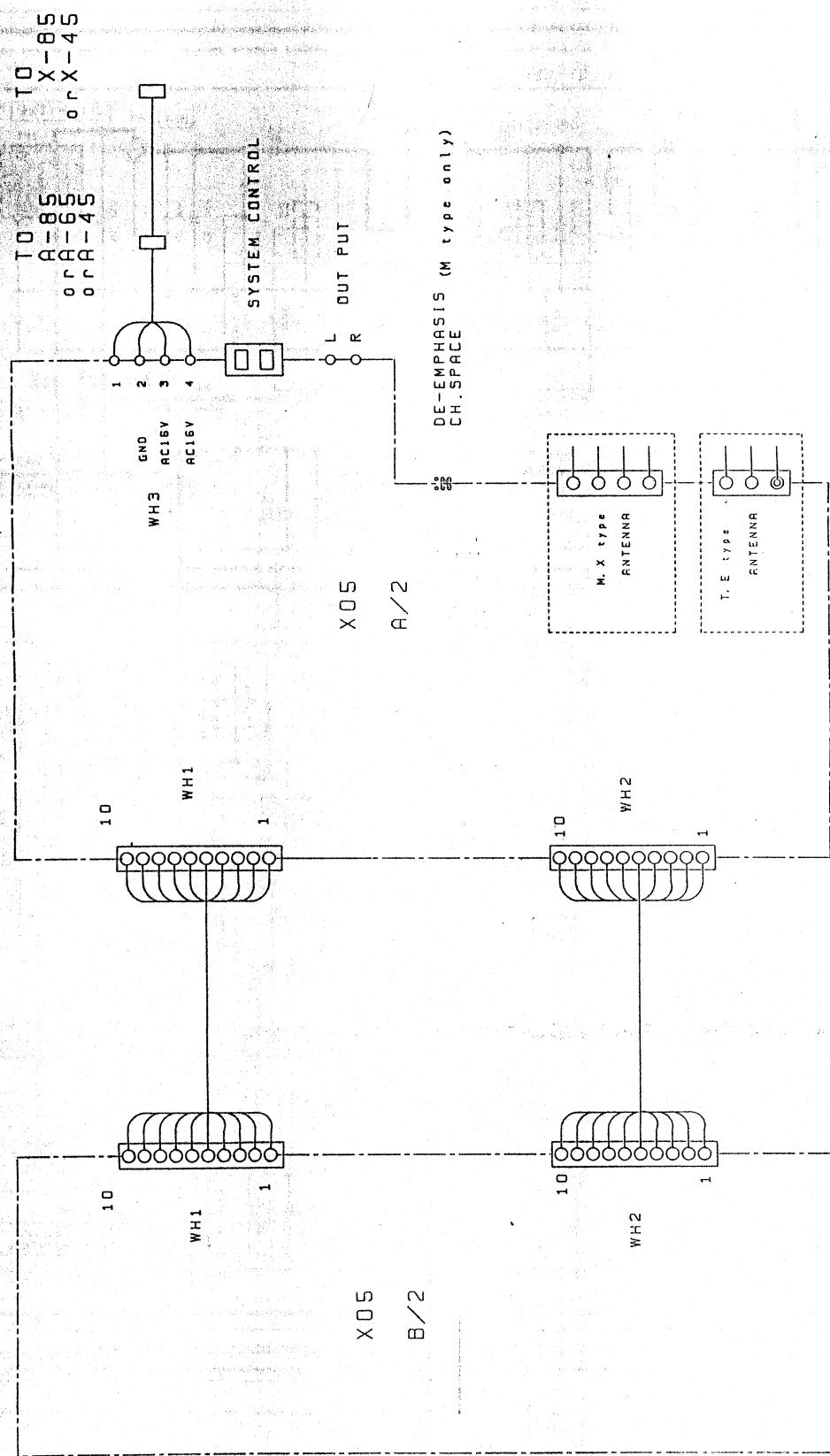
The T-85 and T-85L don't have a power transformer. Use A-45/65/85 or RM-90PS to supply power to the T-85/85L. If neither is available, apply AC 16 V to TP12 and TP13 of the tuner unit (X05, A/2).

When turning the power on, short the connector pin of CN 201 (X05-B/2).

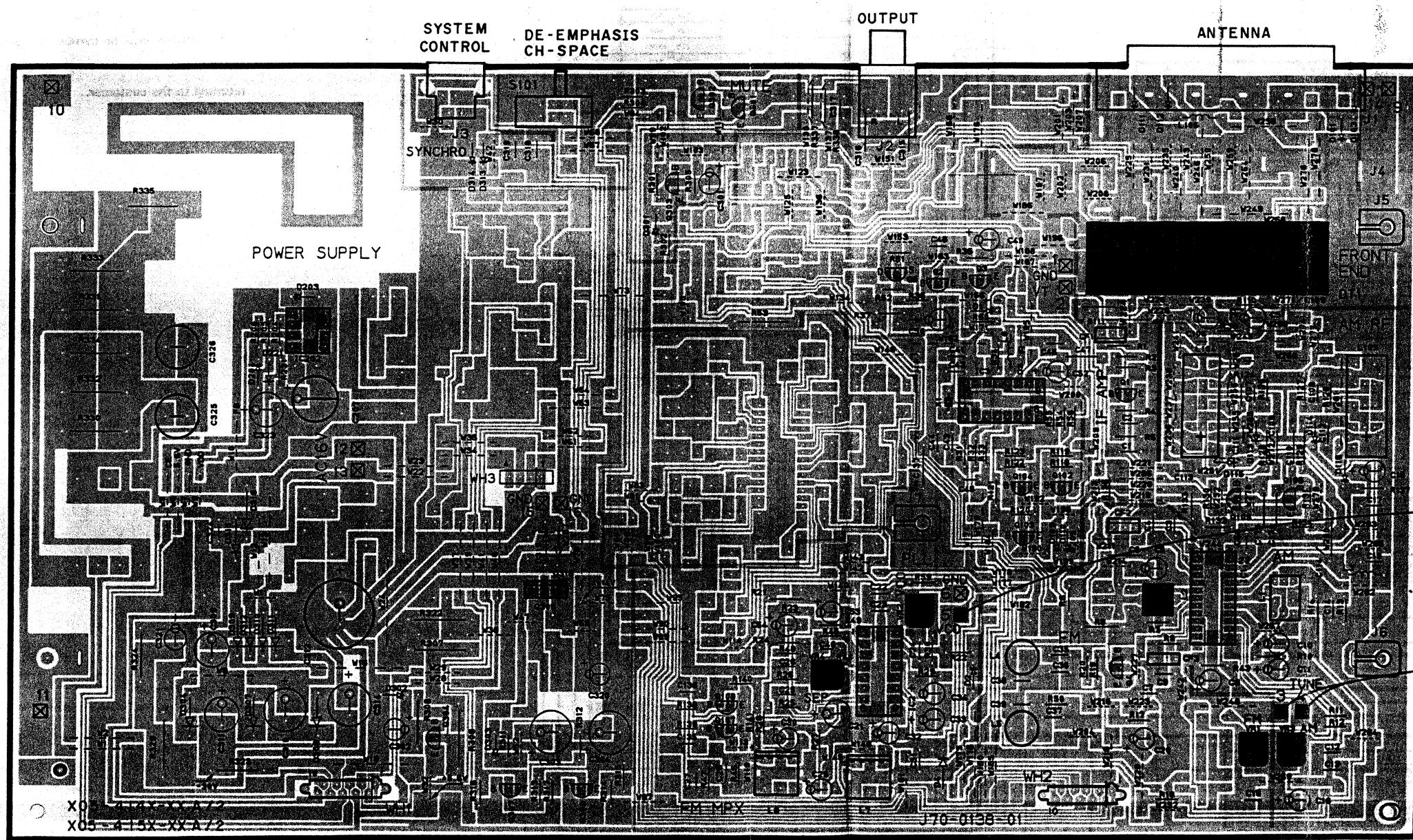
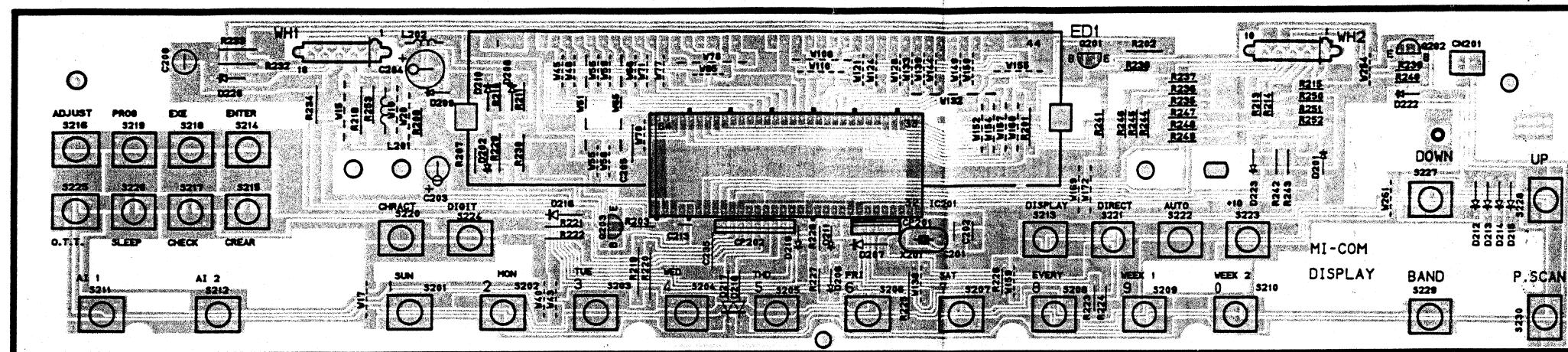


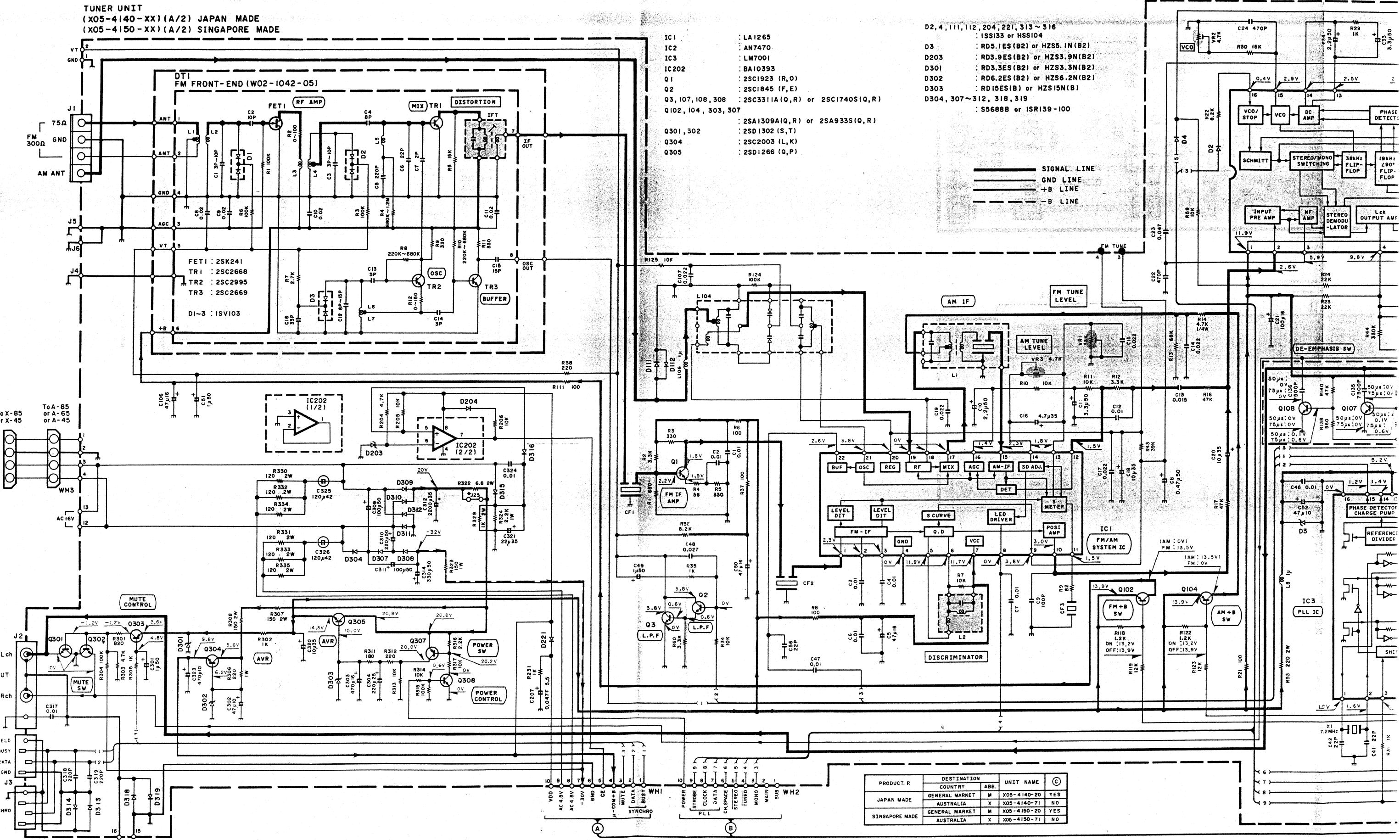
T-85/85L

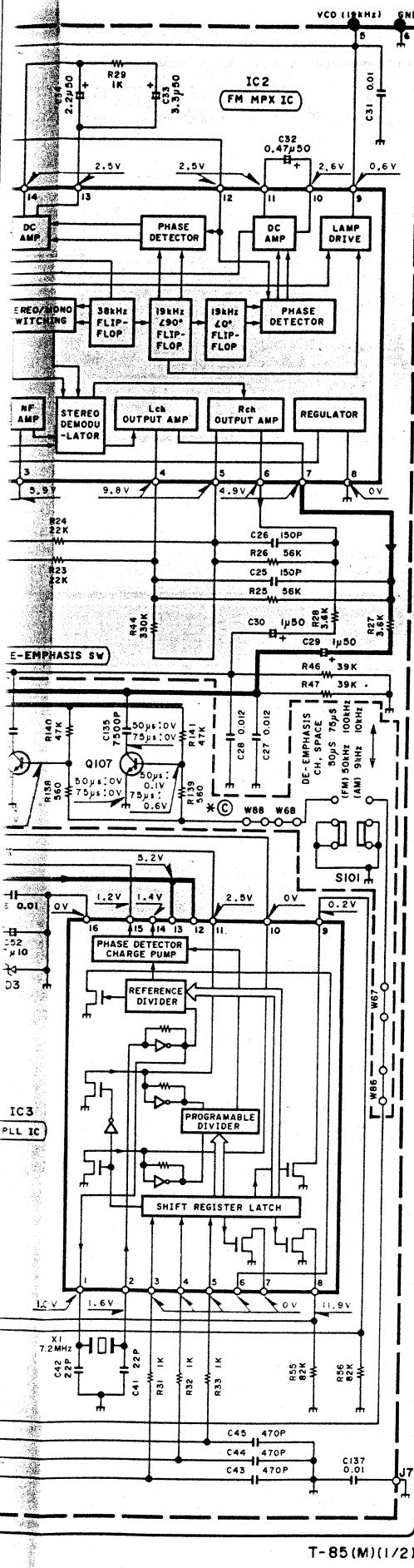
WIRING DIAGRAM



PC BOARD (Component side view)







DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

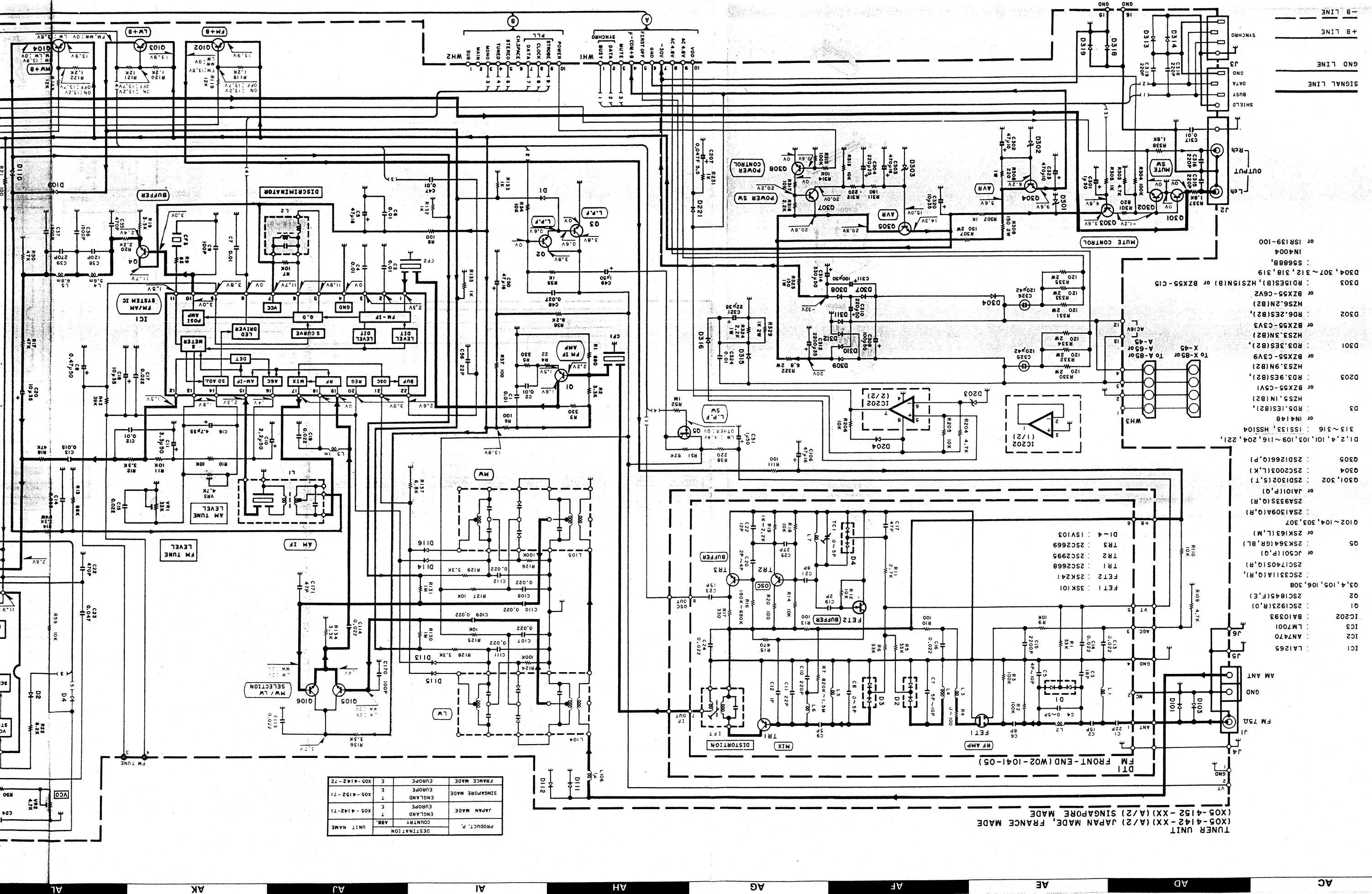
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

T-85

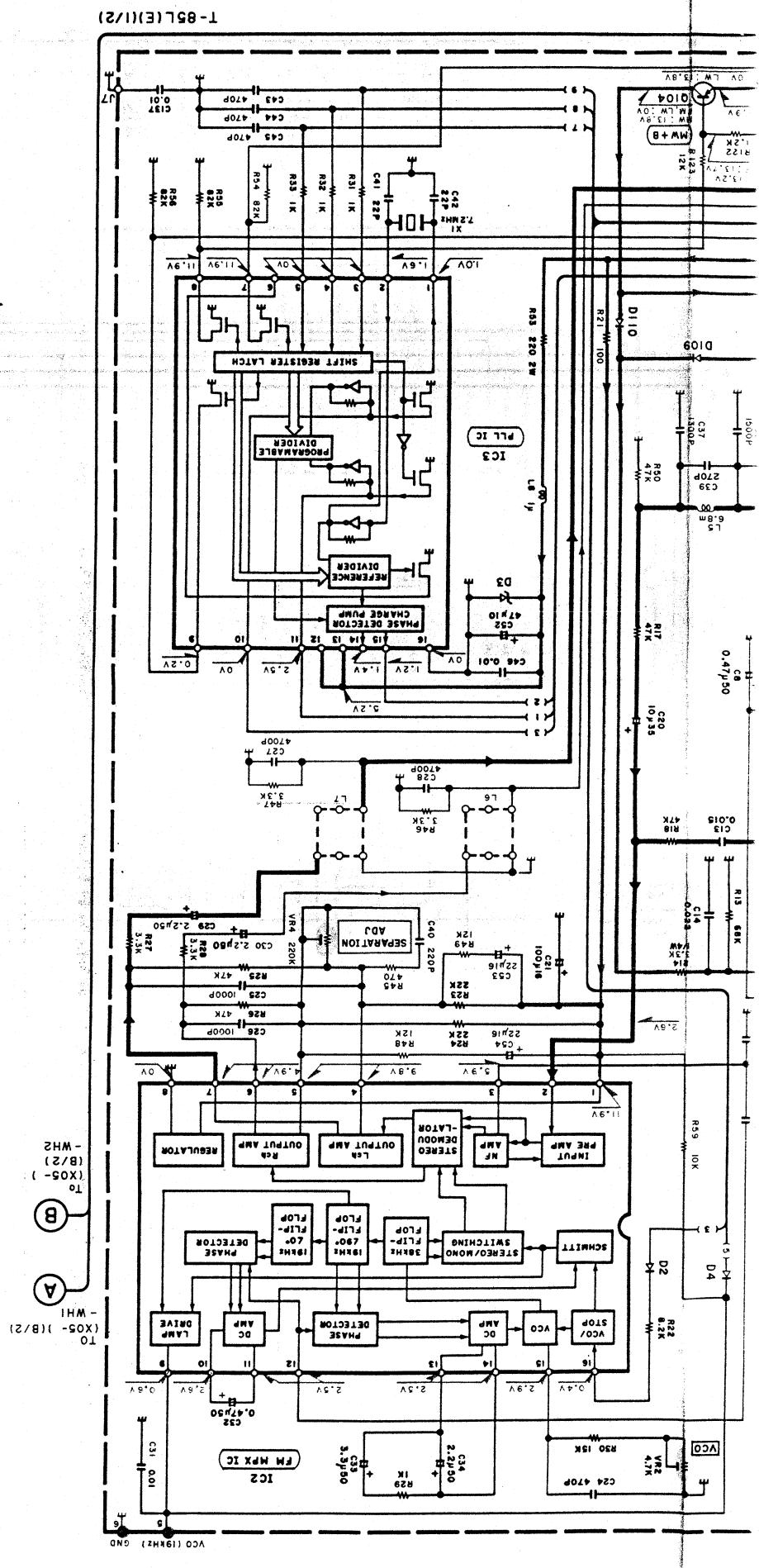
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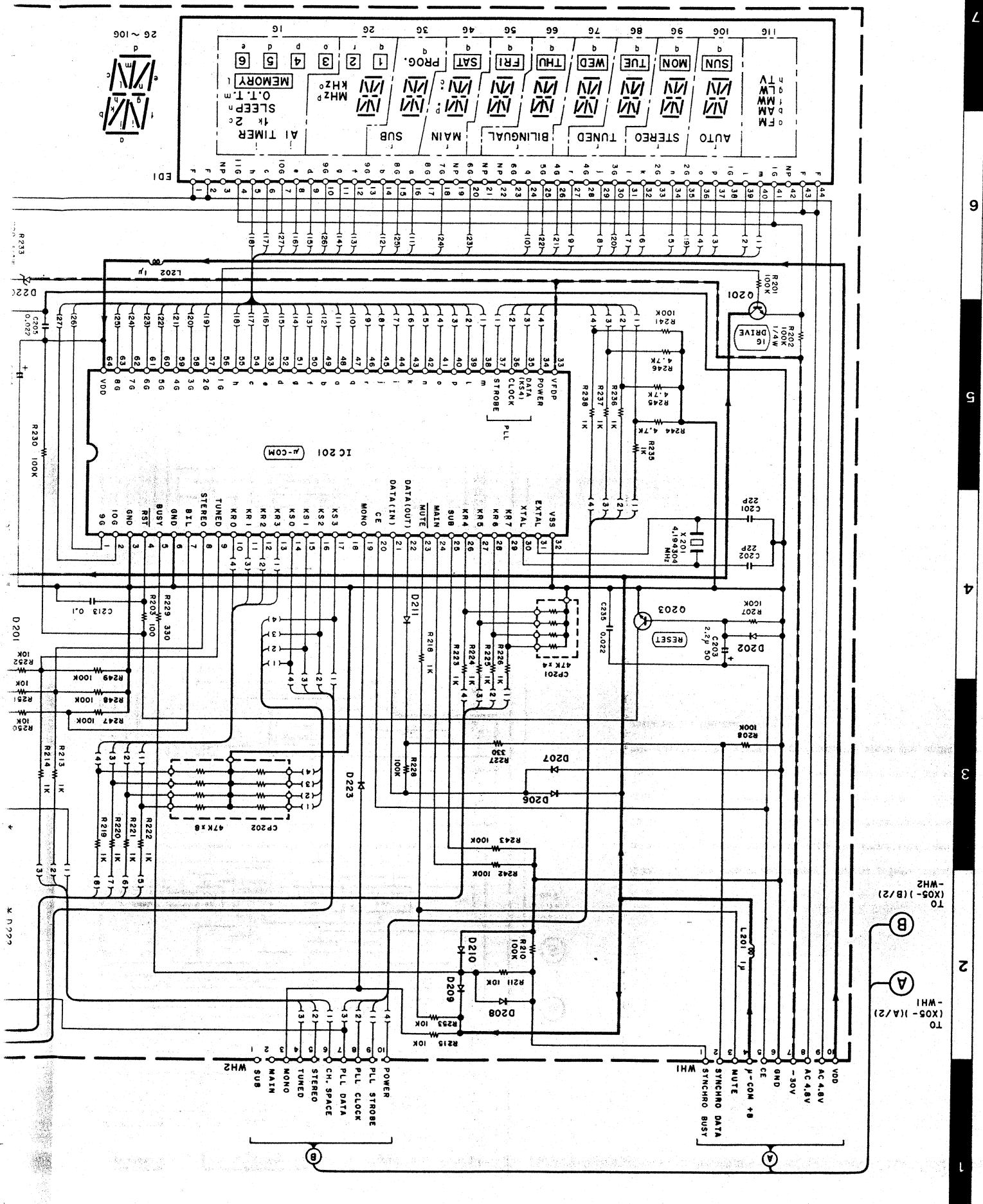
KENWOOD



T-85L

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ▲ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptable) by insulation from the supply circuit before the application is returned to the customer.





CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptable). By insulated from the supply circuit) before the application is returned to the customer.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or and units.

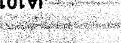
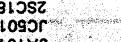
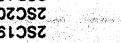
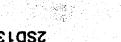
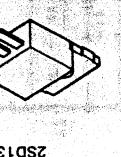
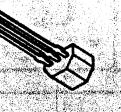
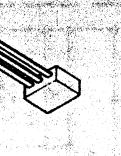
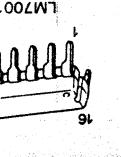
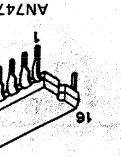
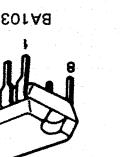
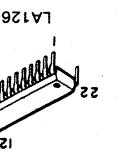
Les tensions C.C. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent varier légèrement en fonction des instruments individuels.

Die Spannungen müssen mit einem hochohmigen Spannungsmesser und unterteilen gemessen werden. Die Werte können leicht schwanken.

Double shortcircuit die Meßwerte aufgrund von Unstetigkeiten in den Instrumenten oder zwischen Einzelheiten der Spannungsmesser.

Gegeben u.U. geringfügig.

PRODUCT, P.	DESTINATION	UNIT NAME	R239	R240	D213	D24	D202	W261
SINGAPORE MADE	AUSTRALIA	X	X05-4150-71	No	No	YES	No	No
GENERAL MARKET	GENERAL MARKET	X	X05-4150-71	No	YES	No	YES	YES
JAPAN MADE	AUSTRALIA	X	X05-4140-20	YES	NO	YES	NO	NO
	GENERAL MARKET	M	X05-4140-71	NO	NO	YES	NO	NO



AQ

AR

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1

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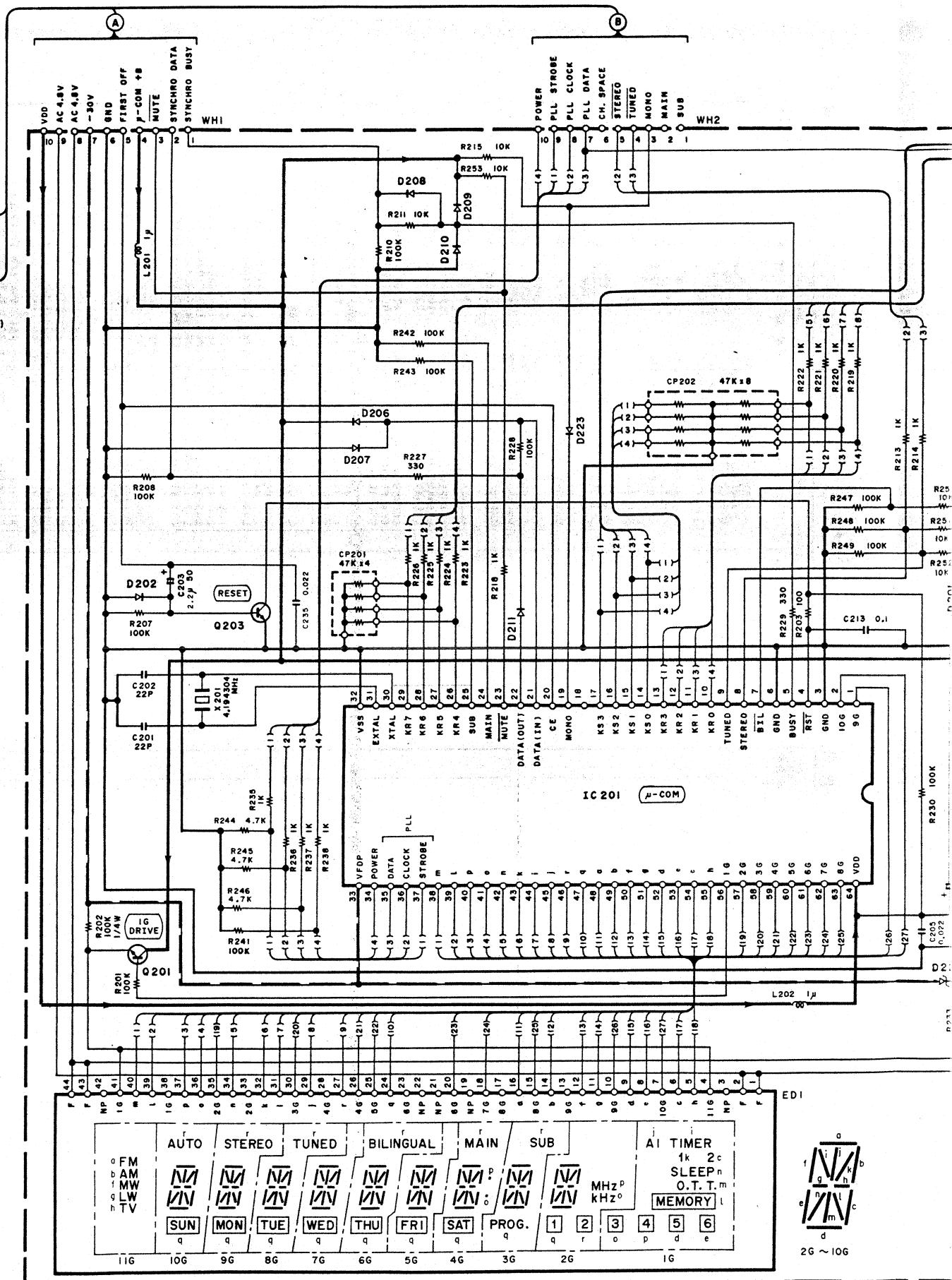
3

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AV

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AX

AY

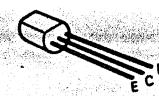
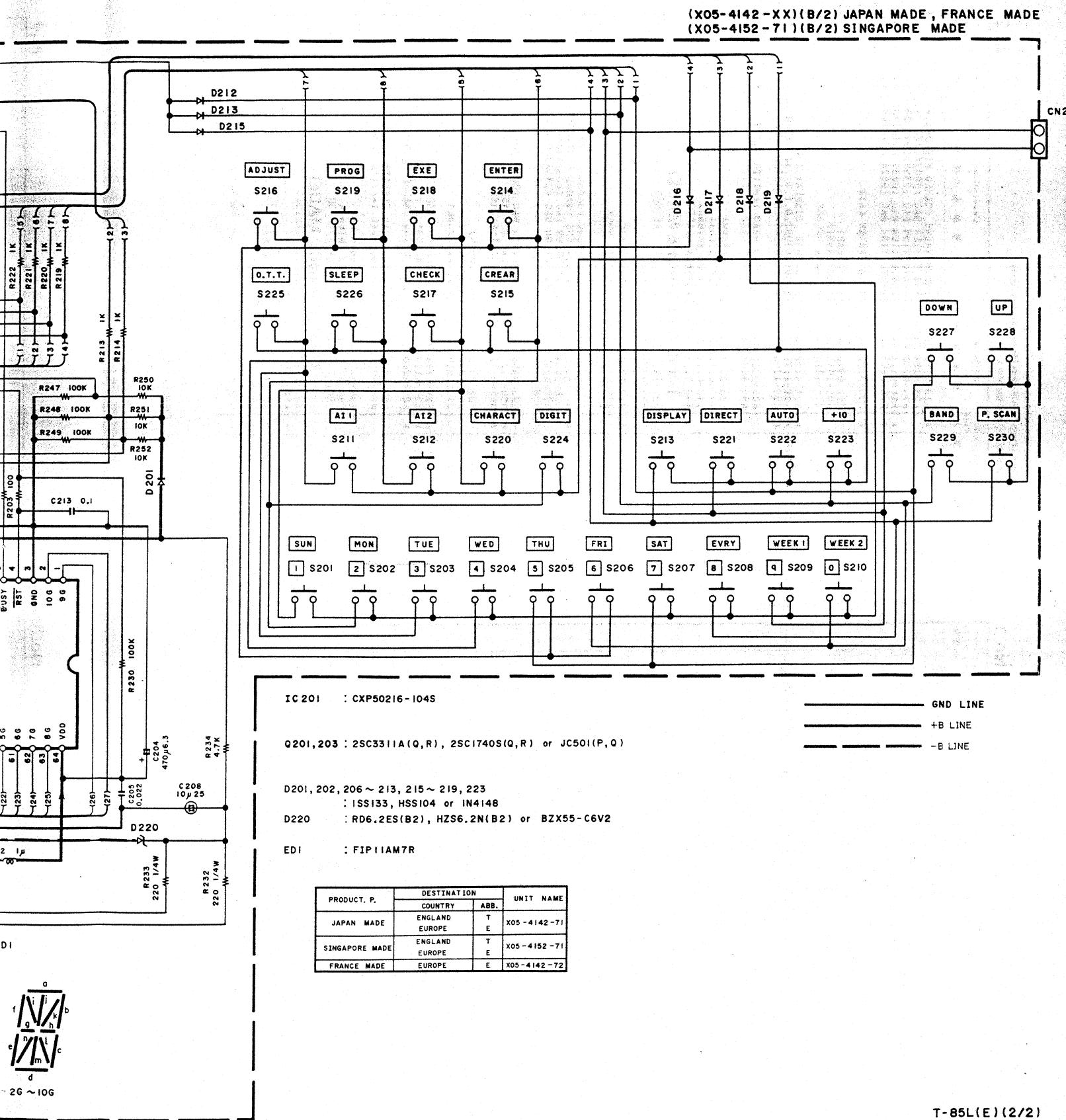
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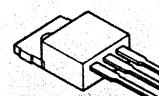
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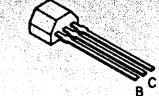
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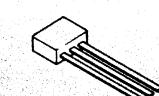
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2SD1302



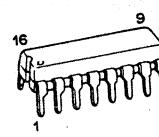
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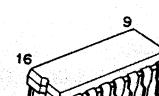
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2SC1740S



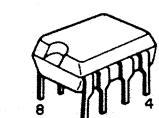
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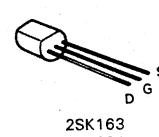
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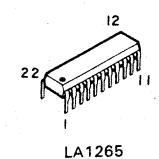
AN7470



BA10393



2SK163
2SK364



LA1265

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T-85/85 L

PARTS LIST

No.4

Ref. No.	参照番号	Address	New 部品番号	Parts No.	部品名	Description	Desti- nation	Re- marks
		位	置			規格	仕	備考
C106				CEO4KWH1C470M	ELECTRO	47UF	16W	
C107			*	CK4KFFH122Z	CERAMIC	0.022UF	2	
C135	136			CQ92FNM1H752J	NYLAR	7500PF	J	
C137				C91-0769-05	CERAMIC	0.01UF	K	
C201	202			CC5FC1H220J	CERAMIC	22PF	J	
C203				CEO4KWH222M	ELECTRO	2.2UF	50V	
C204				CEO4KWH1421M	ELECTRO	4700UF	6.3MV	
C205				C91-0055-05	CERAMIC	0.022UF	N	
C207				C90-1827-05	BACKUP	0.017F	5.5W	
C208				C90-1332-05	NP-ELEC	10UF	25W	
C213				CF92FV1H104J	MF	0.1UF	J	
C235				C91-0055-05	CERAMIC	0.022UF	N	
C301				CEO4KWH101M	ELECTRO	1.0UF	50V	
C302				CEO4KWH1470M	ELECTRO	47UF	10W	
C303				CEO4KWH121M	ELECTRO	4700UF	16W	
C304				CEO4KWH221M	ELECTRO	2200UF	25V	
C309				CEO4KWH110M	ELECTRO	2200UF	50V	
C310				CEO4KWH221M	ELECTRO	1000UF	50V	
C311				CEO4KWH110M	ELECTRO	2200UF	50V	
C312				CEO4KWH222M	ELECTRO	2200UF	35V	
C314				CEO4KWH333M	ELECTRO	3300UF	50V	
C317				CK45FFH1H032Z	CERAMIC	0.010UF	Z	
C318	319			CC45FS1H1H21J	CERAMIC	220PF	J	
C320				C80KWH100M	ELECTRO	10UF	35W	
C321				CEO4KWH220M	ELECTRO	220UF	35W	
C323				CEO4KWH1A41M	ELECTRO	4700UF	10W	
C324				CK45FFH1H032Z	CERAMIC	0.010UF	Z	
C325	326			C90-1839-05	NP-ELEC	1200UF	42W	
61.4			*	E30-2667-05	CORD WITH CONNECTOR(H3)			
L1	3B			E30-0476-05	LOCK TERMINAL BOARD(ANTENNA)			
L2	3B			E13-0235-05	PHONE JACK (2P) (OUTPUT)			
L8	2B			E08-0312-05	RECTANGULAR RECEPTACLE(S. CONT)			
L3	2B							
CF1 .2				L72-0531-05	CERAMIC FILTER			
L1				L72-0096-05	CERAMIC FILTER			
C3				L30-0488-05	AM IF			
L2				L30-0439-25	FM IF			
L8				L40-1091-17	(DISCRIMINATOR)			
L9					SMALL FIXED INDUCTOR(1.0UH)			
L10					SMALL FIXED INDUCTOR(1.0UH)			
L104				L40-1091-17	CRYSTAL RESONATOR(7.1MHz)			
L106				L40-1091-17	CRYSTAL RESONATOR(4.194304MHz)			
L201	202			L77-1122-05	MULTI-COMP	47kX4	J	1.6W
X1				L77-1176-05	MULTI-COMP	47kX8	J	1/4W
X201	X202			R90-0487-05	MULTI-COMP	47kX4	J	1W
R301				R90-0894-05	FL-PROOF	RS 220	J	2W
R302				RS14B3D221J	FL-PROOF	RS 150	J	2W
R306				RS14B3D151J	FL-PROOF	RS 150	J	2W
P322				RS14DB688J	FL-PROOF	RS 150	J	1W
R323				RS14DBA1S1J	FL-PROOF	RS 150	J	1W
R324				RS14DBA322J	FL-PROOF	RS 2.2K	J	1W
R329				RS14B3D1029	FL-PROOF	RS 1.0K	J	2W
R330	335			RS14B3D121J	FL-PROOF	RS 120	J	2W
R12-3687-05					TRIMMING POT.	33K (FM T-LEVEL)		
R12-1619-05					TRIMMING POT.	4.7K (VC0 AM T-L)		

 indicates safety critical components.

No.3

Ref. No.	参照番号	Address	New Part No.	Parts No.	商品名	規格	Destination marks	
							位	置
-	-	*	H10-5223-02	POLYSTYRENE FOAMED FIXTURE (R)				
-	-	H25-0231-04	K29-4198-02	PROTECTION BAG (800X400X-03)				
-	-	H50-0119-04	K29-4199-03	PROTECTION BAG (350X350X-03)				
-	-	ITEM CARTON CASE	K29-4200-03	ITEM CARTON CASE				
604	3B	J02-0370-05	FOOT (REAR)					
605	3A	J02-0404-05	FOOT (FRONT)					
606	1A	J19-2815-04	ANTENNA HOLDER					
607	2A	K29-4198-02	KNOB (CHAR. DISPLAY, 1-0)					
608	2A	K29-4199-03	KNOB (ADJUST, 0.1.T.; I TIMER 1)					
609	2A	K29-4200-03	KNOB (TUNING CHARACTER, BAND)					
A	B	N89-3008-45	BINDING HEAD TAPITE SCREW					
B	B	N89-3008-46	BINDING HEAD TAPITE SCREW					
610	1A	T90-0153-05	LOOP ANTENNA					
611	1A	T90-0176-05	T TYPE ANTENNA					
612	1A	T90-0177-05	ANTENNA ADAPTER					
613	1A							
C1	-4	T-85 TUNER UNIT (X05-4140-20)						
C5	C5	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C6	C6	CEO4KWK4C470M	ELECTRO	4.7UF	16WV			
C7	C7	C91-0769-05	CERAMIC	0.01UF	K			
C8	C8	CK45FF1H103Z	ELECTRO	0.010UF				
C9	C9	CEO4KWK4H470M	ELECTRO	0.010UF				
C10	C10	CEO4KWK4H282M	CERAMIC	0.010UF				
C11	C11	CEO4KWK4H323M	CERAMIC	0.010UF				
C12	C12	CK45FF1H103Z	CERAMIC	0.010UF				
C13	C13	CQ99PM1H153J	NYLAR	0.015UF	J			
C14	15	CC45FFSL1H101J	CERAMIC	100PF				
C15	C15	CK45FF1H223Z	ELECTRO	2.2UF	50WV			
C16	C16	CEO4KWK4H282M	CERAMIC	3.3UF	50WV			
C17	C17	CK45FF1H223Z	ELECTRO	10UF	35WV			
C18	C18	CEO4KWK4V100M	CERAMIC	0.022UF	Z			
C19	C19	CK45FF1H223Z	ELECTRO	0.022UF	Z			
C20	C20	CEO4KWK4V100M	ELECTRO	10UF	35WV			
C21	C21	CEO4KWK4C101M	ELECTRO	100UF	16WV			
C22	C22	CK45FB1H471K	CERAMIC	4.70PF	J			
C23	C23	CF92FVH473J	ME	0.047UF	J			
C24	C24	CC92FCH1H471J	CERAMIC	4.70PF	J			
C25	26	CC45FFSL1H151J	CERAMIC	150PF	J			
C26	C27	CQ99PM1H123J	NYLAR	0.012UF				
C27	C28	CEO4KWK4H282M	ELECTRO	1.0UF	50WV			
C28	C29	CQ99PM1H123J	CERAMIC	0.010UF	Z			
C29	,30	CK45FF1H103Z	ELECTRO	0.47UF	50WV			
C31	C31	CEO4KWK4H282M	CERAMIC	2.2UF	50WV			
C32	C32	CEO4KWK4H282M	CERAMIC	2.2UF	50WV			
C33	C34	CEO4KWK4H323M	ELECTRO	3.3UF	50WV			
C34	C34	CC45FFC1H220J	CERAMIC	2.2UF	50WV			
C35	C35	CK45FB1H471K	CERAMIC	4.70PF	K			
C36	C36	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C37	C47	C91-0769-05	CERAMIC	0.01UF	K			
C48	C48	CF92FVH233J	MF	0.02UF	J			
C49	C49	CEO4KWK4H010M	ELECTRO	1.0UF	50WV			
C50	C50	CEO4KWK4C470M	ELECTRO	4.7UF	16WV			
C51	C51	CEO4KWK4H20M	ELECTRO	1.0UF	50WV			
C52	C52	CC45FFSL1H220J	CERAMIC	4.7UF	10WV			
C53	C53				22PF	J		

 indicates safety critical components.

New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

* New Parts Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.5

Ref. No.	Address	New Parts No.	Parts No.	Description	部品名 / 構造	Desti- nation mark 仕向番号
5101	5201-230	2B	S31-204-05	SLIDE SWITCH	PUSH SWITCH	H
5202	2B	S40-104-05				
5203	2B					
5204	2B					
5205	2B					
5206	2B					
5207	2B					
5208	2B					
5209	2B					
5210	2B					
5211	2B					
5212	2B					
5213	2B					
5214	2B					
5215	2B					
5216	2B					
5217	2B					
5218	2B					
5219	2B					
5220	2B					
5221	2B					
5222	2B					
5223	2B					
5224	2B					
5225	2B					
5301						
5302						
5303						
5304						
5305						
5306						
5307						
5308						
5309						
5310						
5311						
5312						
5313						
5314						
5315						
5316						
5317						
5318						
5319						
D1						
L1						
C1						
C2						
C3						
C201						
C202						
21						
22						

P: Canada
E: Europe
M: Other Areas

L:Scandinavia
Y:PX(Far East, Hawaii)
Y:AAFFS(Europe))
K:USA
T:England
X:Australia
P:Canada
E:Europe
M:Other A

↑ indicates safety critical components

▲ Indicates safety critical components

NO.6

Ref. No.	参照番号	Address	New Parts	Parts No.	Description	部品名／規格	Destin nation	Re marks
Q3				2SC1740S(Q,R)	TRANSISTOR			
Q3				2SC1311A(Q,R)	TRANSISTOR			
Q102				2SA1309A(Q,R)	TRANSISTOR			
Q102				2SA1309A(Q,R)	TRANSISTOR			
Q104				2SA1333S(Q,R)	TRANSISTOR			
Q104				2SC1740S(Q,R)	TRANSISTOR			
Q107,108				2SC1311A(Q,R)	TRANSISTOR			
Q201				2SC1740S(Q,R)	TRANSISTOR			
Q201				2SC1311A(Q,R)	TRANSISTOR			
Q202				2SA1309A(Q,R)	TRANSISTOR			
Q202				2SC1933S(Q,R)	TRANSISTOR			
Q203				2SC1740S(Q,R)	TRANSISTOR			
Q203				2SC1311A(Q,R)	TRANSISTOR			
Q301,302				2SD1304(S,T)	TRANSISTOR			
Q303				2SA1309A(Q,R)	TRANSISTOR			
Q303				2SC2003(L,K)	TRANSISTOR			
Q304				2SD1266(Q,P)	TRANSISTOR			
Q305				2SA1309A(Q,R)	TRANSISTOR			
Q307				2SA1333S(Q,D)	TRANSISTOR			
Q308				2SC1740S(Q,R)	TRANSISTOR			
Q308				2SC1311A(Q,R)	TRANSISTOR			
DT1				W02-1042-05	FM FRONT-END ASSY			
C1	-4			CK45FF1H103Z	CERAMIC	0.010UF	Z	
C5				CEO4KWH420M	ELECTRO	47UF	16V	
C6				C91-0769-05	CERAMIC	0.01UF	X	
C7				CK45FF1H103Z	CERAMIC	0.010UF	Z	
C8				CEO4KWH417M	ELECTRO	0.47UF	50V	
C9				CC5FS1H101J	CERAMIC	100PF	J	
C10				CEO4KWH1262M	ELECTRO	2.2UF	50V	
C11				CE04KWH1313M	CERAMIC	3.3UF	50V	
C12				CK45FF1H103Z	CERAMIC	0.010UF	Z	
C13				CQ92FCH1H153J	MYLAR	0.015UF	J	
C14,15				CK45FF1H223Z	CERAMIC	0.022UF	Z	
C16				CEO4KWH4R2M	ELECTRO	4.7UF	35V	
C17				CK45FF1H223Z	CERAMIC	0.022UF	Z	
C18				CEO4KWH100M	ELECTRO	10UF	35V	
C19				CK45FF1H223Z	CERAMIC	0.022UF	Z	
C20				CEO4KWH100M	ELECTRO	10UF	35V	
C21				CE04KWH101M	CERAMIC	470PF	K	
C22				CK45FB1H421K	CERAMIC	470PF	K	
C23				CF42FV1H473J	M	0.047UF	J	
C24				CC9FC1H471J	CERAMIC	470PF	J	
C25	26			CK45FB1H102K	CERAMIC	1000PF	K	
C27	28			CQ92FMM422J	MYLAR	4700PF	J	
C29	30			CEO4KWH1229M	ELECTRO	2.2UF	50V	
C31				CK45FF1H103Z	CERAMIC	0.010UF	Z	
C32				CEO4KWH417M	ELECTRO	0.47UF	50V	
C33				CEO4KWH393M	ELECTRO	3.3UF	50V	
C34				CK45FB1H471K	CERAMIC	470PF	K	
C35				CQ92FCH1H152J	MYLAR	1500PF	J	

↑ indicates safety critical components

T-85/85L

PARTS LIST

T-85/85L

PARTS LIST

No.8

Ref. No.	Address	Part No.	Description	Desti- nation marks 付	Ref. No.	Address	Part No.	Description	Desti- nation marks 付
C37		CQ92F1H132J	NYLAR 1300PF J	L1	L30-0488-05	AN IF	L30-0488-25	AN IF	AN IF
C38		CC45FSU1H21J	CERAMIC 270PF J	L2	L40-1021-14	SMALL FIXED INDUCTOR(1.0mH, K)	L40-1021-29	SMALL FIXED INDUCTOR(5.6mH, J)	SMALL FIXED INDUCTOR(6.6mH, J)
C39		CC45FSU1H221J	CERAMIC 220PF J	L3	L40-525-29	SMALL FIXED INDUCTOR(5.6mH, J)	L40-6835-29	SMALL FIXED INDUCTOR(6.6mH, J)	SMALL FIXED INDUCTOR(6.6mH, J)
C40		CC45FSU1H220J	CERAMIC 220PF J	L4	L40-1091-17	LC FILTER	L79-0790-05	LC FILTER	LC FILTER
C41	,42	CK45FB1H103Z	CERAMIC 470UF K	L5	L79-0790-05	SMALL FIXED INDUCTOR(1.0uH)	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	SMALL FIXED INDUCTOR(1.0uH)
C43	-45	CK45FB1H103K	CERAMIC 0.010UF Z	L6	L77-1122-05	COMBINATION COIL	L39-0195-05	COMBINATION COIL	COMBINATION COIL
C46		C91-079-05	CERAMIC 0.01UF K	L7	L39-0192-05	COMBINATION COIL	L39-0192-17	COMBINATION COIL	COMBINATION COIL
C47		CF92F1H23J	NF 0.027UF J	L104	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	SMALL FIXED INDUCTOR(1.0uH)
C48		CEO4KWH1010M	ELECTRO 1.0UF	L105	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	SMALL FIXED INDUCTOR(1.0uH)
C49		CEO4KWH1010M	ELECTRO 1.0UF	L106	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	SMALL FIXED INDUCTOR(1.0uH)
C50		CEO4KWH1010M	ELECTRO 47UF	L201	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	SMALL FIXED INDUCTOR(1.0uH)
C51		CEO4KWH1010M	ELECTRO 1.0UF	X1	L77-1122-05	CRYSTAL RESONATOR(7.2MHz)	L77-1122-05	CRYSTAL RESONATOR(4.194504MHz)	CRYSTAL RESONATOR(4.194504MHz)
C52		CEO4KWH1010M	ELECTRO 50nV	X201	L77-1122-05	CRYSTAL RESONATOR(4.194504MHz)	L77-1122-05	CRYSTAL RESONATOR(4.194504MHz)	CRYSTAL RESONATOR(4.194504MHz)
C53	,54	CEO4KWH1020M	ELECTRO 1.0UF	CP301	R90-0487-05	MULTI-COMP	47K4	J 1.6W	J 1.6W
C55		CC45FSU1H220J	ELECTRO 22UF	CP302	R90-0004-05	MULTI-COMP	47K16	J 1/W	J 1/W
C56		CC45FSU1H220J	ELECTRO 22PF	R306	RS14D03D221J	FL-PROOF RS	220	J 2W	J 2W
C106		CEO4KWH1010M	ELECTRO 47UF	R307	RS14D03A221J	FL-PROOF RS	220	J 1W	J 1W
C107	,108	CK45FSU1H232Z	CERAMIC 0.022UF Z	R322	RS14D03D151J	FL-PROOF RS	150	J 2W	J 2W
C109	,110	C91-005-05	CERAMIC 0.022UF N	R323	RS14D03A151J	FL-PROOF RS	150	J 2W	J 2W
C111	,113	C91-005-05	CERAMIC 0.022UF N	R324	RS14D03A222J	FL-PROOF RS	2.2K	J 1W	J 1W
C114		C91-079-05	CERAMIC 0.01UF K	R325	RS14D03D02J	FL-PROOF RS	1.0K	J 2W	J 2W
C137		C91-079-05	CERAMIC 100PF K	R326	RS14D03D121J	FL-PROOF RS	120	J 2W	J 2W
C170		C91-075-05	CERAMIC 47PF J	R327	R91-0004-05	TRIMMING POT.	33K (EN T-LEVEL)	F	F
C171		C91-077-05	CERAMIC 22PF J	R328	R91-0004-05	TRIMMING POT.	33K (EN T-LEVEL)	F	F
C201	,202	CC45FSU1H220J	ELECTRO 2.2UF	VRA	R12-1169-05	TRIMMING POT.	4.7K (100, AM T-L)	F	F
C203		CEO4KWH1020M	ELECTRO 50nV	VRA	R12-1619-05	TRIMMING POT.	4.7K (100, AM T-L)	F	F
C204		CEO4KWH1020M	ELECTRO 6.3nV	VRA	R12-5060-05	TRIMMING POT.	4.7K (100, AM T-L)	F	F
C205		C91-005-05	CERAMIC 0.022UF N	VRA	R12-5060-05	TRIMMING POT.	220K (SEPARATION)	F	F
C207		C91-077-05	BACRUP 0.047F	VRA	R12-5060-05	TRIMMING POT.	220K (SEPARATION)	F	F
C208		C90-1827-05	NP-ELEC 10UF	VRA	R12-5060-05	TRIMMING POT.	220K (SEPARATION)	F	F
C213		CF92F1H104J	MF 0.10UF J	VRA	R12-5060-05	TRIMMING POT.	220K (SEPARATION)	F	F
C235		C91-005-05	CERAMIC 0.022UF N	S201-230	S40-1064-05	PUSH SWITCH			
C301		CEO4KWH1010M	ELECTRO 1.0UF	D1	HSS104	DIODE			
C302		CEO4KWH1010M	ELECTRO 47UF	D1	1N4148	DIODE			
C304		CEO4D01C471M	ELECTRO 10nV	D1	1N5133	DIODE			
C309		CEO4KWH1010M	ELECTRO 470UF	D2	B2A55-C571	ZENER DIODE			
C310		CEO4KWH1021M	ELECTRO 16nV	D3	HSS104-1N(12)	ZENER DIODE			
C311		CEO4KWH1010M	ELECTRO 220nF	D3	R05-1ES(B2)	ZENER DIODE			
C312		CEO4KWH1022M	ELECTRO 35nV	D4	HSS104	DIODE			
C314		CEO4KWH1010M	ELECTRO 330nF	D4	1N4148	DIODE			
C315	,316	C91-079-05	CERAMIC 220nF K	D4	ISS1133	DIODE			
C317		CK45FSU1H103Z	CERAMIC 0.010UF Z	D101	HSS104	DIODE			
C318	,319	CC45FSU1H221J	CERAMIC 220nF Z	D101	1N4148	DIODE			
C320		CEO4KWH1010M	ELECTRO 35nV	D101	ISS1133	DIODE			
C321		CEO4KWH1020M	ELECTRO 22UF	D103	HSS104	DIODE			
C323		CEO4KWH1010M	ELECTRO 35nV	D103	1N4148	DIODE			
C324	,326	CK45FSU1H103Z	ELECTRO 470UF 10nV	D103	ISS1133	DIODE			
614	2B	E30-2667-05	CORD WITH CONNECTOR(WH3)	D109-116	HSS104	DIODE			
J1	3B	E20-0321-05	LOCK TERMINAL BOARD(ANTENNA)	D109-116	1N4148	DIODE			
J2	2B	E13-0335-05	PHONE JACK (2P) (OUTPUT)	D201-202	HSS104	DIODE			
J3	2B	E05-0312-05	RECTANGULAR RECEPTACLE(S, CONT)	D201-202	1N4148	DIODE			
CF1	,2	L72-0536-05	CRAMIC FILTER	D201-202	ISS1133	ZENER DIODE			
CF3		L72-0596-05	CRAMIC FILTER	D203	B2X55-C3V9	ZENER DIODE			
				D203	H2S3-9NB2	ZENER DIODE			

F:FRANCE MADE

△ indicates safety critical components.

L:Scandinavia
Y:PY(X for East, Hawaii)
Y:AAFE(Europe)

F:France
E:Europe
T:England
X:Australia
M:Other Areas

L:Scandinavia
Y:PY(X for East, Hawaii)
Y:AAFE(Europe)

No.7

Ref. No.	Address	Part No.	Description	Desti- nation marks 付	Ref. No.	Address	Part No.	Description	Desti- nation marks 付
C37		CQ92F1H132J	NYLAR 1300PF J	L1	L30-0488-05	AN IF	L30-0488-25	AN IF	AN IF
C38		CC45FSU1H21J	CERAMIC 270PF J	L2	L40-1021-14	SMALL FIXED INDUCTOR(1.0mH, K)	L40-1021-29	SMALL FIXED INDUCTOR(5.6mH, J)	SMALL FIXED INDUCTOR(5.6mH, J)
C39		CC45FSU1H221J	CERAMIC 220PF J	L3	L40-525-29	SMALL FIXED INDUCTOR(5.6mH, J)	L40-6835-29	SMALL FIXED INDUCTOR(6.6mH, J)	SMALL FIXED INDUCTOR(6.6mH, J)
C40		CC45FSU1H220J	CERAMIC 220PF J	L4	L40-1091-17	LC FILTER	L79-0790-05	LC FILTER	LC FILTER
C41	,42	CK45FB1H103Z	CERAMIC 0.010UF Z	L5	L79-0790-05	SMALL FIXED INDUCTOR(1.0uH)	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	SMALL FIXED INDUCTOR(1.0uH)
C43	-45	CK45FB1H103K	CERAMIC 0.01UF K	L6	L77-1122-05	COMBINATION COIL	L39-0195-05	COMBINATION COIL	COMBINATION COIL
C46		C91-079-05	CERAMIC 0.027UF J	L104	L39-0192-05	COMBINATION COIL	L39-0192-17	COMBINATION COIL	COMBINATION COIL
C47		CF92F1H23J	ELECTRO 1.0UF	L105	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	SMALL FIXED INDUCTOR(1.0uH)
C48		CEO4KWH1010M	ELECTRO 22UF	L106	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	SMALL FIXED INDUCTOR(1.0uH)
C49		CEO4KWH1010M	ELECTRO 220UF	L201	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	L40-1091-17	SMALL FIXED INDUCTOR(1.0uH)	SMALL FIXED INDUCTOR(1.0uH)
C50		CEO4KWH1010M	ELECTRO 50nV	X1	L77-1122-05	CRYSTAL RESONATOR(4.194504MHz)	L77-1122-05	CRYSTAL RESONATOR(4.194504MHz)	CRYSTAL RESONATOR(4.194504MHz)
C51		CEO4KWH1010M	ELECTRO 1.0UF	X201	L77-1122-05	CRYSTAL RESONATOR(4.194504MHz)	L77-1122-05	CRYSTAL RESONATOR(4.194504MHz)	CRYSTAL RESONATOR(4.194504MHz)
C52		CEO4KWH1010M	ELECTRO 16nV	CP301	R90-0488-05	MULTI-COMP	47K4	J 1.6W	J 1.6W
C53	,54	CEO4KWH1010M	ELECTRO 16nV	CP302	R90-0004-05	MULTI-COMP	47K16	J 1/W	J 1/W
C55		CC45FSU1H220J	ELECTRO 22PF	R306	RS14D03D221J	FL-PROOF RS	220	J 2W	J 2W
C56		CC45FSU1H220J	ELECTRO 22PF	R307	RS14D03D151J	FL-PROOF RS	150	J 2W	J 2W
C106		CEO4KWH1010M	ELECTRO 47UF	R322	RS14D03D68J	FL-PROOF RS	6.8	J 2W	J 2W
C107	,108	CK45FSU1H23Z	CERAMIC 0.022UF Z	R323	RS14D03A151J	FL-PROOF RS	150	J 2W	J 2W
C109	,110	C91-005-05	CERAMIC 0.022UF N	R324	RS14D03A222J	FL-PROOF RS	2.2K	J 1W	J 1W
C111	,113	C91-005-05	CERAMIC 0.022UF N	R325	RS14D03D02J	FL-PROOF RS	1.0K	J 2W	J 2W
C114		C91-079-05	CERAMIC 0.01UF K	R326	RS14D03D121J	FL-PROOF RS	120	J 2W	J 2W
C137		C91-079-05	CERAMIC 100PF K	R327	R12-3130-05	TRIMMING POT.	33K (EN T-LEVEL)	F	F
C170		C91-075-05	CERAMIC 100PF K	R328	R12-3130-05	TRIMMING POT.	33K (EN T-LEVEL)	F	F
C171		C91-077-05	CERAMIC 25nV	VRA	R12-1169-05	TRIMMING POT.	4.7K (100, AM T-L)	F	F
C201		C90-1827-05	BACRUP 0.047F	VRA	R12-1619-05	TRIMMING POT.	4.7K (100, AM T-L)	F	F
C202		CF92F1H104J	NP-ELEC 0.10UF J	VRA	R12-5060-05	TRIMMING POT.	4.7K (100, AM T-L)	F	F
C203		C91-005-05	CERAMIC 0.022UF N	VRA	R12-5060-05	TRIMMING POT.	220K (SEPARATION)	F	F
C204		CEO4KWH1010M	ELECTRO 1.0UF	VRA	R12-5060-05	TRIMMING POT.	220K (SEPARATION)	F	F
C205		C91-005-05	CERAMIC 0.022UF N	VRA	R12-5060-05	TRIMMING POT.	220K (SEPARATION)	F	F
C207		C91-077-05	CERAMIC 0.047F	VRA	R12-5060-05	TRIMMING POT.	220K (SEPARATION)	F	F
C208		C90-1827-05	NP-ELEC 0.10UF J	VRA	R12-5060-05	TRIMMING POT.	220K (SEPARATION)	F	F
C213		C91-005-05	CERAMIC 0.022UF N	VRA	R12-5060-05	TRIMMING POT.	220K (SEPARATION)	F	F
C235		CEO4KWH1010M	ELECTRO 47UF	D1	D1	ZENER DIODE			
C301		CEO4KWH1010M	ELECTRO 10nV	D1	1N4148	DIODE			
C302		CEO4D01C471M	ELECTRO 16nV	D1	1N5133	DIODE			
C304		CEO4KWH1021M	ELECTRO 220nF	D2	B2A55-C571	ZENER DIODE			
C309		CEO4KWH1010M	ELECTRO 100UF	D3	HSS104-1N(12)	ZENER DIODE			
C310		CEO4KWH1021M	ELECTRO 50nV	D3	R05-1ES(B2)	ZENER DIODE			
C311		CEO4KWH1010M	ELECTRO 100UF	D4	HSS104	DIODE			
C312		CEO4KWH1022M	ELECTRO 35nV	D4	1N4148	DIODE			
C314		CEO4KWH1010M	ELECTRO 330nF	D4	ISS1133	DIODE			
C315	,316	C91-079-05	CERAMIC 220nF K	D101	HSS104	DIODE			
C317		CK45FSU1H103Z	CERAMIC 0.010UF Z	D101	1N4148	DIODE			
C318	,319	CC45FSU1H221J	CERAMIC 220nF Z	D101	1N4148	DIODE			
C320		CEO4KWH1010M	ELECTRO 35nV						

T-85/85L

PARTS LIST

No.10

New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No. 9

Ref. No.	參照番号	Address	New Parts	部品番号	Parts No.	Description	部品名 / 规格	Desti- nation (地)	
								位 置	數 量
203				RD2.9ES(B2)		ZENER DIODE	ZENER DIODE	F	
204				HSS104		ZENER DIODE	ZENER DIODE	F	
204				1N4148		ZENER DIODE	ZENER DIODE	F	
204				1N5133		ZENER DIODE	ZENER DIODE	F	
205				HSS104		ZENER DIODE	ZENER DIODE	F	
206-213				1N4148		ZENER DIODE	ZENER DIODE	F	
206-213				1N5133		ZENER DIODE	ZENER DIODE	F	
215-219				HSS104		ZENER DIODE	ZENER DIODE	F	
215-219				1N4148		ZENER DIODE	ZENER DIODE	F	
215-219				1N5133		ZENER DIODE	ZENER DIODE	F	
220				BZ255-C6V2		ZENER DIODE	ZENER DIODE	F	
220				HSS104		ZENER DIODE	ZENER DIODE	F	
220				R06.2NS(B2)		ZENER DIODE	ZENER DIODE	F	
221				HSS104		ZENER DIODE	ZENER DIODE	F	
221				1N4148		ZENER DIODE	ZENER DIODE	F	
221				1N5133		ZENER DIODE	ZENER DIODE	F	
223				BZ255-C3V3		ZENER DIODE	ZENER DIODE	F	
223				HSS104		ZENER DIODE	ZENER DIODE	F	
223				R03.3NS(B2)		ZENER DIODE	ZENER DIODE	F	
301				R03.3NS(B2)		ZENER DIODE	ZENER DIODE	F	
301				BZ255-C6V2		ZENER DIODE	ZENER DIODE	F	
302				H256.2N(B2)		ZENER DIODE	ZENER DIODE	F	
302				R06.2NS(B2)		ZENER DIODE	ZENER DIODE	F	
302				BZ255-C15		ZENER DIODE	ZENER DIODE	F	
303				H2515K(B)		ZENER DIODE	ZENER DIODE	F	
303				R015ES(B)		ZENER DIODE	ZENER DIODE	F	
304				SS6885		ZENER DIODE	ZENER DIODE	F	
304				1N4004		ZENER DIODE	ZENER DIODE	F	
304				1SR139-100		ZENER DIODE	ZENER DIODE	F	
304				SS6888		ZENER DIODE	ZENER DIODE	F	
307-312				1N4004		ZENER DIODE	ZENER DIODE	F	
307-312				1SR139-100		ZENER DIODE	ZENER DIODE	F	
313-316				HSS104		ZENER DIODE	ZENER DIODE	F	
313-316				1N4148		ZENER DIODE	ZENER DIODE	F	
313-316				1N5133		ZENER DIODE	ZENER DIODE	F	
316-319				SS6885		ZENER DIODE	ZENER DIODE	F	
316-319				1N4004		ZENER DIODE	ZENER DIODE	F	
316-319				1SR139-100		ZENER DIODE	ZENER DIODE	F	
316-319				F1P11AM7R		FLUORESCENT INDICATOR TUBE			
316-319				LA1265		IC(FM AM TUNER)			
316-319				AN7470		IC(FM MPX)			
316-319				LM7001		IC(PLL FREQUENCY SYNTHESIZER)			
316-319				CAP2016-104S		IC(MICROPROCESSOR)			
C202				BA1039		IC(DUAL COMPARATOR)			
C2				2SC1923(R,0)		TRANSISTOR			
C3				2SC1045(F,E)		TRANSISTOR			
C201				JG501(P,Q)		TRANSISTOR			
C202				2SC1740S(Q,R)		TRANSISTOR			
1A				2SC3311A(Q,R)		TRANSISTOR			
C1				2SK163(L,M)		FET			
C2				2SK344(G,BL)		FET			
C3				J101(P,Q)		TRANSISTOR			
C201				J102(P,Q)		TRANSISTOR			
5				2SK1309A(Q,R)					

F:FRANCE MADE indicates Safety critical components.

↑ indicates safety critical components.

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T-85/85L

SPECIFICATIONS

T-85

FM tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz

Usable sensitivity (IHF at 75 Ω) 0.95 μV/10.8 dBf

Total harmonic distortion (at 1 kHz, 65 dBf input)

MONO 0.4%

STEREO 0.5%

Signal to noise ratio (at 1 kHz, 65 dBf input)

MONO 78 dB

STEREO 72 dB

Stereo separation (at 1 kHz) 40 dB

Alternate channel selectivity

(±400 kHz) 50 dB

Frequency response

(30 Hz ~ 15 kHz) +0.5 dB, -3.5 dB

Output level/Impedance

(at 75 kHz dev.) 0.6 V/3.3 kΩ

AM tuner section

Tuning frequency range

531 kHz ~ 1,602 kHz 9 kHz step

530 kHz ~ 1,610 kHz 10 kHz step

Usable sensitivity 14 μV/500 μV/m

Signal to noise ratio

(at 30% mod. 1 mV input) 48 dB

General

Dimension W: 360 mm

H: 89 mm

D: 353 mm

Weight 3.0 kg

T-85L

FM tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz

Usable sensitivity (DIN at 75 Ω)

MONO 0.6 μV

STEREO 22 μV

Total harmonic distortion (DIN at 1 kHz, 65.2 dBf input)

MONO 0.2%

STEREO 0.8%

Signal to noise ratio (DIN weighted at 1 kHz, 65.2 dBf input)

MONO 68 dB

STEREO 63 dB

Stereo separation (DIN at 1 kHz) 42 dB

Alternate channel selectivity

(DIN ± 300 kHz) 64 dB

Frequency response

(30 Hz ~ 15 kHz) +0.5 dB, -3.5 dB

Output level/Impedance

(at 75 kHz dev.) 0.6 V/3.3 kΩ

MW tuner section

Tuning frequency range 531 kHz ~ 1,602 kHz

Usable sensitivity 13 μV/500 μV/m

Signal to noise ratio

(at 30% mod. 1 mV input) 49 dB

LW tuner section

Tuning frequency range 153 kHz ~ 281 kHz

Usable sensitivity 20 μV

Signal to noise ratio

(at 30% mod. 1 mV input) 47 dB

General

Dimension W: 360 mm

H: 89 mm

D: 353 mm

Weight 3.0 kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KENWOOD poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

KENWOOD strebt ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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